

# Henry Ford Hospital Medical Journal

---

Volume 37 | Number 3

Article 1

---

9-1989

## Front Matter

Follow this and additional works at: <https://scholarlycommons.henryford.com/hfhmedjournal>



Part of the [Life Sciences Commons](#), [Medical Specialties Commons](#), and the [Public Health Commons](#)

---

### Recommended Citation

(1989) "Front Matter," *Henry Ford Hospital Medical Journal* : Vol. 37 : No. 3 .

Available at: <https://scholarlycommons.henryford.com/hfhmedjournal/vol37/iss3/1>

This Article is brought to you for free and open access by Henry Ford Health System Scholarly Commons. It has been accepted for inclusion in Henry Ford Hospital Medical Journal by an authorized editor of Henry Ford Health System Scholarly Commons.



# Henry Ford Hospital Medical Journal

THIRD INTERNATIONAL  
WORKSHOP ON MEN 2

Vol 37, Nos 3 & 4, 1989  
ISSN 0018-0416

<b>The Third International Workshop on Multiple Endocrine Neoplasia Type 2 Syndromes</b> <i>F. Raue and C.E. Jackson</i>	98
<b>Multiple Endocrine Neoplasia Type 2 Syndromes: Nomenclature Recommendations from the Workshop Organizing Committee</b> <i>R.F. Gagel and Others</i>	99
<b>Closing in on the MEN2A Locus</b> <i>N.E. Simpson and K.K. Kidd</i>	100
<b>Early Detection of Hereditary Medullary Thyroid Cancer with Polymorphic DNA Probes</b> <i>S.A. Narod and Others</i>	106
<b>Hereditary Medullary Thyroid Carcinoma: Genetic Analysis of Three Related Syndromes</b> <i>H. Sobol and Others</i>	109
<b>Allele Loss on Chromosome 10 and Point Mutation of <i>ras</i> Oncogenes are Infrequent in Tumors of MEN 2A</b> <i>M. Okazaki and Others</i>	112
<b>Genetic Mechanisms of Neoplasia in MEN 2</b> <i>C.E. Jackson and R.A. Norum</i>	116
<b>Screening for Medullary Thyroid Cancer in France: A National Effort</b> <i>C. Calmettes and Others</i>	120
<b>The Importance of Screening for Medullary Thyroid Carcinoma in Families of Patients with MEN 2</b> <i>A. Frilling and Others</i>	122
<b>Results of a Screening Program for Multiple Endocrine Neoplasia Type 2A: A Clinical Study of a Japanese Family</b> <i>T. Shimotake and Others</i>	124
<b>MEN 2A: Update on the Northern Ireland and Australian Family</b> <i>P.J. Morrison and Others</i>	127
<b>Screening for Pheochromocytoma in the MEN 2 Syndrome</b> <i>J. Kotzerke and Others</i>	129
<b>Diagnosis, Management, and Pathogenetic Studies in Medullary Thyroid Carcinoma Syndrome</b> <i>N.A. Samaan and Others</i>	132
<b>Postoperative Pentagastrin-Stimulated Serum Calcitonin Concentrations in Patients with Medullary Thyroid Carcinoma: Reoperations in Patients with Concentrations Bordering the Detection Limit</b> <i>H. Meybier and Others</i>	138
<b>Comparison of Sporadic and Hereditary Forms of Medullary Thyroid Carcinoma</b> <i>M. Rosenberg-Bourgin and Others</i>	141
<b>Cutaneous Lichen Amyloidosis Associated with Multiple Endocrine Neoplasia Type 2A</b> <i>V. Nunziata and Others</i>	144
<b>Familial Cutaneous Lichen Amyloidosis in Association with Multiple Endocrine Neoplasia Type 2A: A New Variant</b> <i>D.T. Donovan and Others</i>	147
<b>Use of Somatostatin Analog SMS 201-995 in Medullary Thyroid Carcinoma</b> <i>A. Libroia and Others</i>	151
<b>Adrenal Cortex Transplantation After Bilateral Total Adrenalectomy in the Rat</b> <i>G.F.W. Scheumann and Others</i>	154

Continued on back cover





# HENRY FORD HOSPITAL MEDICAL JOURNAL

---

The Henry Ford Hospital Medical Journal is published quarterly by Henry Ford Hospital and is distributed to Henry Ford Hospital staff, alumni, and to medical centers, libraries, and physicians in the United States and abroad. It is also sent, upon request, to medical students in their third and fourth years of medical school. Medical students should state the year of their graduation when requesting the Journal. Requests should be sent to the Medical Journal Office, 411/413 New Center Pavilion, Henry Ford Hospital, 2921 W Grand Blvd, Detroit, MI 48202.

For changes of address, please enclose the old address label, give the complete new address, and allow six weeks for processing.

The Journal publishes the work of any current staff member or resident of Henry Ford Hospital, alumni, and participants in academic and scientific activities, meetings, and symposia sponsored by Henry Ford Hospital. The Journal is listed by Index Medicus and is intended to be a broad scientific forum for all areas of interest: clinical, research, technical, administrative, medical ethics, and patient care delivery. Complete instructions for authors wishing to submit a manuscript are printed at the back of the first issue of each year.

Back copies of the Journal are available from University Microfilms, 300 N Zeeb Rd, Ann Arbor, MI 48106, as 3.5 mm microfilms (Vols 1-20) or as 16 mm films (Vols 19-present).

## EDITORIAL BOARD

Raymond C. Mellinger, MD  
*Editor*

Naomi Breslau, PhD  
John Crissman, MD  
Stanton B. Elias, MD  
Mihai Gheorghide, MD  
Michael Kleerekoper, MD  
Richard M. Nowak, MD  
Dennis R. Ownby, MD  
Daniel J. Reddy, MD  
Jeanne M. Riddle, PhD  
Robert Seski, MD

Sarah Whitehouse, MAW  
*Managing Editor*

Susan E. MacPhee, BA  
*Editorial Assistant*

Robert H. Mohr, BA  
*Medical Art Director*

Janet Naughton, BA  
*ex officio*

© HENRY FORD HOSPITAL 1989  
2799 West Grand Boulevard  
Detroit, MI 48202  
1-800-482-2404 (within Michigan)  
1-800-521-7946 (outside Michigan)  
Vol 37, Nos 3 & 4, 1989  
ISSN 0018-0416

*Printed on acid-free paper  
effective with Volume 34, Number 3, 1986*

### **In Appreciation**

In addition to members of the Editorial Board, many individuals have reviewed manuscripts for the *Henry Ford Hospital Medical Journal* during the past year. The Editorial Board would like to take this opportunity to acknowledge their valued service in acting as reviewers for the *Journal* in 1989.

Surinder K. Batra, MD  
Michael Benninger, MD  
Jeffrey Berger, MD  
Brack A. Bivins, MD  
George C. Bower, MD  
Scott Boyd, DDS, PhD  
Gerald M. Breneman, MD  
Leslie Bricker, MD  
James Brymer, MD  
Karen Buck, MA  
Glenn C. Davis, MD  
Ramon Del Busto, MD  
Manuel Dujovny, MD  
Robert Enberg, MD  
J. David Fachnie, MD  
Sidney Goldstein, MD  
Allan M. Haggar, MD  
Fraser Keith, MD  
Warren Kupin, MD  
Paul Kvale, MD  
David Lang, MD  
David C. Leach, MD  
Steven R. Levine, MD

Clarence S. Livingood, MD  
Norman Markowitz, MD  
Malachi McKenna, MD  
Eugene Mezger, MD  
Samuel A. Mickelson, MD  
Robin Morris, PhD  
Norman J. Novelly, MD  
James Osetek, MD  
Edward Quinn, MD  
Jan Rival, MD  
Howard Rosman, MD  
Louis Saravolatz, MD  
Rhett Schiffman, MD  
Henry Schmidek, MD  
Michael Snyder, MD  
Michael Somand, MD  
Gary Talpos, MD  
Howard Terebelo, MD  
Ellis Van Slyck, MD  
Paul Visintainer, PhD  
Charles Webb, MD  
Max Wisgerhof, MD  
Daniel Yakar, MD

<b>The Third International Workshop on Multiple Endocrine Neoplasia Type 2 Syndromes</b>	<b>98</b>	<b>Screening for Medullary Thyroid Cancer in France: A National Effort</b>	<b>120</b>
<i>Friedhelm Raue</i>		<i>Claude Calmettes</i>	
<i>Charles E. Jackson</i>		<i>A. Chaventre</i>	
		<i>Nicole Feingold</i>	
		<i>Brigitte Franc</i>	
		<i>J.M. Guliana</i>	
		<i>The French Medullary Study Group (GETC)</i>	
<b>Multiple Endocrine Neoplasia Type 2 Syndromes: Nomenclature Recommendations from the Workshop Organizing Committee</b>	<b>99</b>	<b>The Importance of Screening for Medullary Thyroid Carcinoma in Families of Patients with MEN 2</b>	<b>122</b>
<i>Robert F. Gagel</i>		<i>A. Frilling</i>	
<i>Charles E. Jackson</i>		<i>P.E. Goretzki</i>	
<i>Bruce A.J. Ponder</i>		<i>L. Bastian</i>	
<i>Friedhelm Raue</i>		<i>H.D. Roehrer</i>	
<i>Nancy E. Simpson</i>			
<i>Reinhard Ziegler</i>			
<b>Closing in on the MEN2A Locus</b>	<b>100</b>	<b>Results of a Screening Program for Multiple Endocrine Neoplasia Type 2A: A Clinical Study of a Japanese Family</b>	<b>124</b>
<i>Nancy E. Simpson</i>		<i>Takashi Shimotake</i>	
<i>Kenneth K. Kidd</i>		<i>Naomi Iwai</i>	
		<i>Jun Yanagihara</i>	
<b>Early Detection of Hereditary Medullary Thyroid Cancer with Polymorphic DNA Probes</b>	<b>106</b>	<i>Tetsuro Kobayashi</i>	
<i>Steven A. Narod</i>		<i>Shin-ichiro Takai</i>	
<i>Hagay Sobol</i>			
<i>Isabelle Schuffenecker</i>			
<i>R. Alan B. Ezekowitz</i>		<b>MEN 2A: Update on the Northern Ireland and Australian Family</b>	<b>127</b>
<i>Gilbert M. Lenoir</i>		<i>Patrick J. Morrison</i>	
<i>The Groupe d'Etude des Tumeurs a Calcitonine</i>		<i>David R. Hadden</i>	
		<i>Colin J. Russell</i>	
		<i>Norman C. Nevin</i>	
<b>Hereditary Medullary Thyroid Carcinoma: Genetic Analysis of Three Related Syndromes</b>	<b>109</b>	<b>Screening for Pheochromocytoma in the MEN 2 Syndrome</b>	<b>129</b>
<i>Hagay Sobol</i>		<i>J. Kotzerke</i>	
<i>Steven A. Narod</i>		<i>C. Stibane</i>	
<i>Isabelle Schuffenecker</i>		<i>H. Dralle</i>	
<i>Chris Amos</i>		<i>H. Wiese</i>	
<i>R. Alan B. Ezekowitz</i>		<i>W. Burchert</i>	
<i>Gilbert M. Lenoir</i>			
<i>The Groupe d'Etude des Tumeurs a Calcitonine</i>			
		<b>Diagnosis, Management, and Pathogenetic Studies in Medullary Thyroid Carcinoma Syndrome</b>	<b>132</b>
<b>Allele Loss on Chromosome 10 and Point Mutation of ras Oncogenes are Infrequent in Tumors of MEN 2A</b>	<b>112</b>	<i>Naguib A. Samaan</i>	
<i>Makoto Okazaki</i>		<i>Kuo-Pao Paul Yang</i>	
<i>Akihiro Miya</i>		<i>Pamela Schultz</i>	
<i>Norifumi Tanaka</i>		<i>R.C. Hickey</i>	
<i>Tetsuro Miki</i>			
<i>Masayuki Yamamoto</i>		<b>Postoperative Pentagastrin-Stimulated Serum Calcitonin Concentrations in Patients with Medullary Thyroid Carcinoma: Reoperations in Patients with Concentrations Bordering the Detection Limit</b>	<b>138</b>
<i>Kazuyoshi Motomura</i>		<i>Hinrich Meybier</i>	
<i>Akira Miyauchi</i>		<i>Heinrich Schmidt-Gayk</i>	
<i>Takesada Mori</i>		<i>Heinz Buhr</i>	
<i>Shin-ichiro Takai</i>		<i>Friedhelm Raue</i>	
<b>Genetic Mechanisms of Neoplasia in MEN 2</b>	<b>116</b>		
<i>Charles E. Jackson</i>			
<i>Robert A. Norum</i>			



# Contents

<b>Comparison of Sporadic and Hereditary Forms of Medullary Thyroid Carcinoma</b>	<b>141</b>	<b>Quality of Life After Bilateral Adrenalectomy in MEN 2</b>	<b>160</b>
<i>M. Rosenberg-Bourgin</i>		<i>M. Telenius-Berg</i>	
<i>P. Gardet</i>		<i>M.A. Ponder</i>	
<i>R. de Sahb</i>		<i>B. Berg</i>	
<i>M. Schlumberger</i>		<i>B.A.J. Ponder</i>	
<i>B. Caillou</i>		<i>S. Werner</i>	
<i>M. Guilloud-Bataille</i>			
<i>J.P. Travagli</i>		<b>Living with a Hereditary Form of Cancer: Experiences and Needs of MEN 2 Patients and Their Families</b>	<b>164</b>
<i>N. Feingold</i>		<i>Marc P.H.D. Cleiren</i>	
<i>C. Parmentier</i>		<i>Wil Oskam</i>	
		<i>Cornelis J.M. Lips</i>	
<b>Cutaneous Lichen Amyloidosis Associated with Multiple Endocrine Neoplasia Type 2A</b>	<b>144</b>	<b>Experience in Imaging Medullary Thyroid Carcinoma Using <sup>99m</sup>Tc (V) Dimercaptosuccinic Acid (DMSA)</b>	<b>167</b>
<i>V. Nunziata</i>		<i>Susan Clarke</i>	
<i>G. di Giovanni</i>		<i>Colin Lazarus</i>	
<i>A.M. Lettera</i>		<i>Michael Maisey</i>	
<i>M. D'Armiento</i>			
<i>M. Mancini</i>		<b>Localization of Metastases from Medullary Thyroid Carcinoma Using Different Methods</b>	<b>169</b>
		<i>Rosa C. Cabezas</i>	
<b>Familial Cutaneous Lichen Amyloidosis in Association with Multiple Endocrine Neoplasia Type 2A: A New Variant</b>	<b>147</b>	<i>Luis Berna</i>	
<i>D.T. Donovan</i>		<i>Montserrat Estorch</i>	
<i>M.L. Levy</i>		<i>Ignacio Carrio</i>	
<i>E.J. Furst</i>		<i>Angeles Garcia-Ameijeiras</i>	
<i>B.R. Alford</i>			
<i>T. Wheeler</i>		<b>Contribution of Different Scintigraphic Techniques to the Management of Medullary Thyroid Carcinoma</b>	<b>173</b>
<i>J.A. Tschen</i>		<i>Dirk Sandrock</i>	
<i>R.F. Gagel</i>		<i>Hans-Christian Blossey</i>	
		<i>Martina Steinroeder</i>	
<b>Use of Somatostatin Analog SMS 201-995 in Medullary Thyroid Carcinoma</b>	<b>151</b>	<i>Dieter L. Munz</i>	
<i>Alfonso Libroia</i>			
<i>Uberta Verga</i>		<b>The Role of Radiopharmaceuticals MIBG and (V) DMSA in the Diagnosis of Medullary Thyroid Carcinoma</b>	<b>175</b>
<i>Gianleone Di Sacco</i>		<i>Uberta Verga</i>	
<i>Marco Piolini</i>		<i>Fabrizio Muratori</i>	
<i>Fabrizio Muratori</i>		<i>Gianleone Di Sacco</i>	
		<i>Francesco Banfi</i>	
<b>Adrenal Cortex Transplantation After Bilateral Total Adrenalectomy in the Rat</b>	<b>154</b>	<i>Alfonso Libroia</i>	
<i>Georg F.W. Scheumann</i>			
<i>Wolfgang F.A. Hiller</i>		<b>Diagnostic and Therapeutic Potential of New Radiopharmaceutical Agents in Medullary Thyroid Carcinoma</b>	<b>178</b>
<i>Soren Schroder</i>		<i>Luigi Troncone</i>	
<i>T. Schurmeyer</i>		<i>Vittoria Rufini</i>	
<i>Jurgen Klempnauer</i>		<i>Giovina De Rosa</i>	
<i>Henning Dralle</i>		<i>Amerigo Testa</i>	
<b>Surgical Treatment of Medullary Thyroid Carcinoma in a Thirteen-Year-Old Girl with MEN 2B</b>	<b>157</b>		
<i>Lars-Erik Tisell</i>			
<i>Svante Jansson</i>			

<b>DNA Cytophotometric Findings in Pheochromocytoma</b>	<b>185</b>	<b>Transcriptional Regulation of the Human Calcitonin Gene: A Progress Report</b>	<b>194</b>
<i>Barbara-Christina Padberg</i>		<i>Sara Peleg</i>	
<i>Esther Garbe</i>		<i>Gilbert J. Cote</i>	
<i>Eike Achilles</i>		<i>Ronald V. Abruzzese</i>	
<i>Henning Dralle</i>		<i>Robert F. Gagel</i>	
<i>Max Bressel</i>			
<i>Soren Schroder</i>			
<b>A Novel Parathyroid Hormone-Related Gene Product</b>	<b>187</b>	<b>Modulation of Calcitonin Secretion by Modification of Calcium Channels?</b>	<b>198</b>
<i>T.J. Martin</i>		<i>Hans Scherubl</i>	
<i>J.A. Danks</i>		<i>Friedhelm Raue</i>	
		<i>Michael Hoflich</i>	
		<i>Reinhard Ziegler</i>	
<b>A Preliminary Evaluation of Calcitonin and PDN-21 as Tumor Markers for Lung Cancer</b>	<b>190</b>	<b>Evolutionary Pathways of the Calcitonin (CALC) Genes</b>	<b>201</b>
<i>J.J. Body</i>		<i>Cornelis J.M. Lips</i>	
<i>J.C. Dumon</i>		<i>Rolf A. Geerdink</i>	
<i>J.P. Sculier</i>		<i>Maria G. Nieuwenhuis</i>	
<i>G. Dabouis</i>		<i>Jaap van der Sluys Veer</i>	
<i>H. Lacroix</i>			
<i>P. Libert</i>			
<i>M. Richez</i>			
<i>G. Bureau</i>			
<i>P. Mommen</i>			
<i>N. Raymakers</i>			
<i>M. Paesmans</i>			
<i>J. Klastersky</i>			
<i>The EORTC Lung Cancer Working Party</i>			
		<b>ABSTRACTS</b>	<b>204</b>
		<b>1989 ANNUAL INDEX</b>	<b>210</b>
		<b>ANNOUNCEMENTS</b>	<b>224</b>

**Henry Ford Hospital Medical Journal**, established in 1953, is published quarterly as the official scientific publication of Henry Ford Hospital. Reproduction in whole or part without permission, except photocopies for noncommercial scientific or educational purposes only, is prohibited. All editorial correspondence should be directed to the Managing Editor. Subscription requests and changes of address should be sent to **Henry Ford Hospital Medical Journal**, 2921 W Grand Blvd, Detroit, MI 48202.

**Henry Ford Hospital Medical Journal** is included in *Index Medicus* and the Medline System. ISSN 0018-0416.



Participants of the Third International Workshop on MEN 2 Syndromes, September 1989, Heidelberg, West Germany.